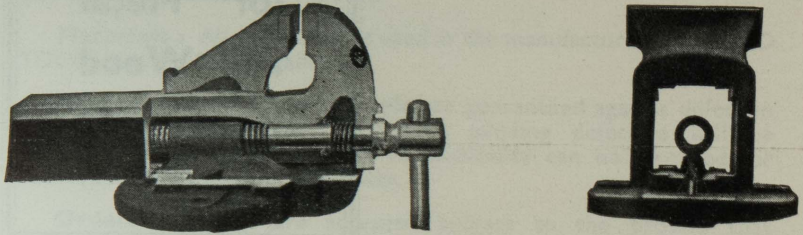


Record Vices
from
C. & J. Hampton, Ltd. Catalogue No. 16
1960 Edition

RECORD MECHANICS' VICES

With Unbreakable Nut Dovetailed into Body



Record Mechanics' Vices are the most popular plain screw Vices of modern times due to their exclusive features. The design has been developed through long experience in the manufacture of Vices, and constant research is maintained to ensure maximum strength and rigidity.

They are fitted with an **Unbreakable Solid Nut**, which is recognised as the greatest improvement made in parallel Vices for a number of years past, and is an original and exclusive feature of Record Vices.

This Nut brings the Record Mechanics' Vice up to the standard of a Machine Tool, the vital wearing parts of which are made for long service and can be renewed should it ever be necessary.

Security and rigidity are essential with a detachable Nut, and as the "Record" Nut is dovetailed into the base of the Body, it is absolutely fixed and rigid in the Vice. The front of the Nut faces up to a strong abutment, which takes all the pressure close up underneath the screw.

This method of securing the Nut in the vice body, together with the long barrel of the Nut (which is equal to three diameters of the screw), ensures perfect alignment of the Screw and Nut under the greatest pressure.

The Body and Sliding Jaw are Cast Iron of guaranteed strength.

The Hardened Steel Jaw Plates of Record Vices are renewable and interchangeable.

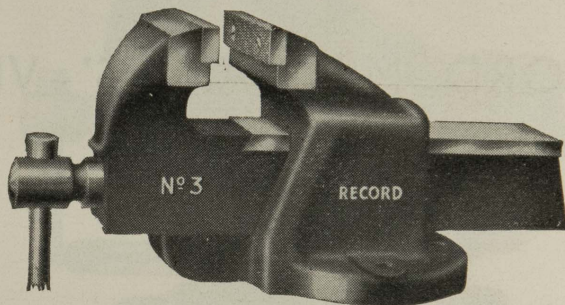
Record Mechanics' Vices are Stove Enamelled Record Blue.

RECORD MECHANICS' VICES

With Unbreakable Nut Dovetailed into Body

Stationary Base

Plain Screw Type



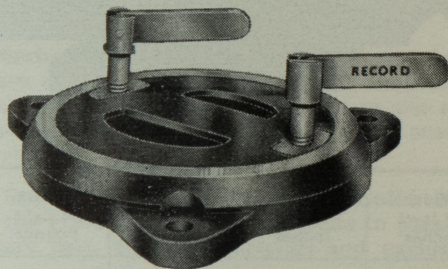
Vice No.	Width of Jaws Inches	Opening Inches	Depth of Jaws Inches	Approx. Weight Pounds	Code Word
00	$2\frac{1}{4}$	$2\frac{1}{4}$	$1\frac{1}{2}$	$5\frac{1}{2}$	lbcob
0	$2\frac{1}{2}$	$2\frac{1}{2}$	$1\frac{5}{8}$	8	lbafa
1	3	$3\frac{1}{4}$	$1\frac{7}{8}$	12	lbbab
2	$3\frac{1}{2}$	4	$2\frac{3}{8}$	21	lbbec
3	4	$4\frac{3}{4}$	$2\frac{3}{4}$	33	lbbid
4	$4\frac{1}{2}$	$5\frac{1}{2}$	3	42	lbboe
5	5	$6\frac{1}{2}$	$3\frac{1}{4}$	54	lbbuf
6	6	8	$3\frac{1}{2}$	72	lbbyg
7	7	$9\frac{1}{4}$	4	84	lbcai
8	8	$9\frac{1}{4}$	4	90	lbcek

RECORD MECHANICS' VICES

SWIVEL BASES

FOR

RECORD MECHANICS' VICES



(Patent No. 704042)

Record Swivel Bases are of robust but simple construction and are positive in operation.

These Swivel Bases enable Vices to be rotated in a complete circle and firmly locked at any point by the two tightening levers.

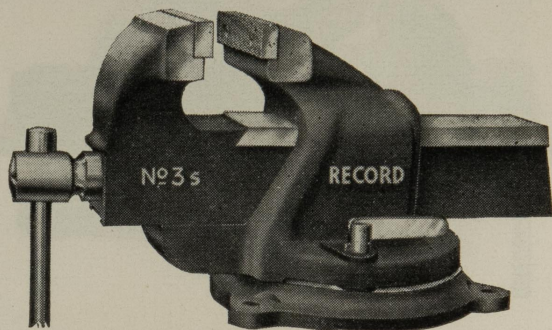
Supplied to suit Vices Nos. 00 to 8.

RECORD MECHANICS' VICES

With Unbreakable Nut Dovetailed into Body

With Swivel Base

Plain Screw Type



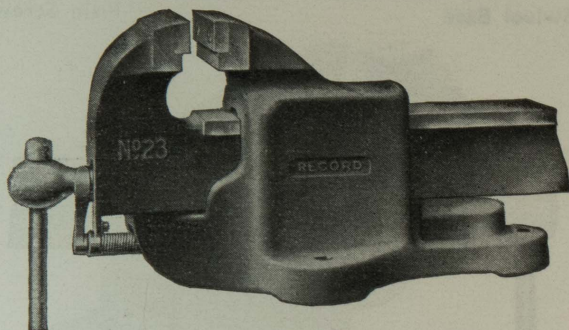
(Patent No. 704042)

Vice No.	Width of Jaws Inches	Opening Inches	Depth of Jaws Inches	Approx. Weight Pounds	Code Word
00S	2 $\frac{1}{4}$	2 $\frac{1}{4}$	1 $\frac{1}{2}$	7	lbnuz
0S	2 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{5}{8}$	9 $\frac{1}{2}$	lbmam
1S	3	3 $\frac{1}{4}$	1 $\frac{7}{8}$	14	lbmen
2S	3 $\frac{1}{2}$	4	2 $\frac{3}{8}$	25	lbmio
3S	4	4 $\frac{3}{4}$	2 $\frac{3}{4}$	38	lbmop
4S	4 $\frac{1}{2}$	5 $\frac{1}{2}$	3	48	lbmur
5S	5	6 $\frac{1}{2}$	3 $\frac{1}{4}$	65	lbmys
6S	6	8	3 $\frac{1}{2}$	86	lbnat
7S	7	9 $\frac{1}{4}$	4	96	lbnui
8S	8	9 $\frac{1}{4}$	4	100	lbnoy

RECORD FITTERS' VICES

Stationary Base

Quick-Grip Type



Record Fitters' Vices combine quick-grip with screw-all-the-way action.

By pressing the trigger on to the screw head the jaws can be opened or closed instantaneously. This quick action saves considerable time.

The Body and Sliding Jaw are Cast Iron of guaranteed strength.

The Hardened Steel Jaw Plates are renewable and interchangeable.

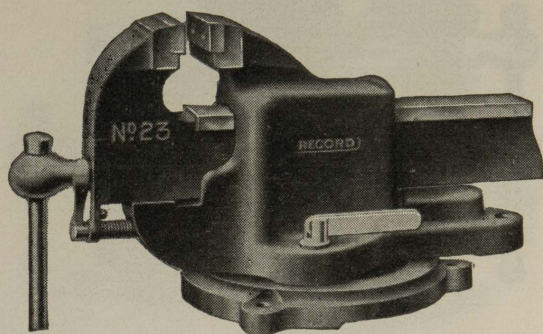
Enamelled Record Blue.

Vice No.	Width of Jaws Inches	Opening Inches	Depth of Jaws Inches	Approx. Weight Pounds	Code Word
21	3 $\frac{1}{4}$	4	2 $\frac{3}{8}$	33	lcalb
22	3 $\frac{3}{4}$	5	3 $\frac{1}{8}$	47	lcanc
23	4 $\frac{1}{4}$	6	3 $\frac{3}{8}$	62	lcard
24	5 $\frac{1}{4}$	7	3 $\frac{7}{8}$	80	lcase
25	6	8	4 $\frac{1}{2}$	95	lcawf

RECORD FITTERS' VICES

With Swivel Base

Quick-Grip Type

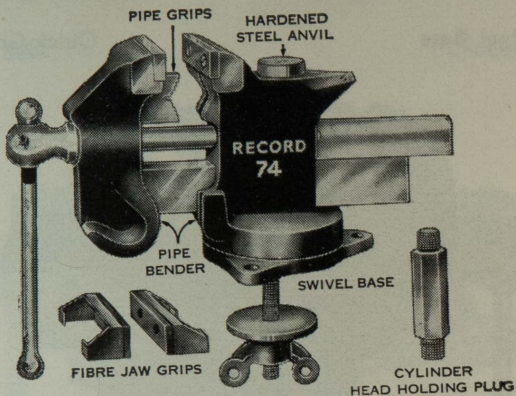


These Vices can be swivelled in a complete circle and firmly locked at any point by the two tightening levers.

Enamelled Record Blue.

Vice No.	Width of Jaws Inches	Opening Inches	Depth of Jaws Inches	Approx. Weight Pounds	Code Word
21S	3 $\frac{1}{4}$	4	2 $\frac{3}{8}$	44	ldarb
22S	3 $\frac{3}{4}$	5	3 $\frac{1}{8}$	60	ldasc
23S	4 $\frac{1}{4}$	6	3 $\frac{3}{8}$	75	ldawd
24S	5 $\frac{1}{4}$	7	3 $\frac{7}{8}$	95	ldaxe
25S	6	8	4 $\frac{1}{2}$	112	ldayf

RECORD No. 74 VICE



The Record No. 74 Vice was originated by us as a general utility tool particularly suitable for the home garage. Its merits have extended its popularity, and it is now widely used in factories and workshops.

This vice can be satisfactorily secured to the bench solely by means of the Swivel Base Stud and Wing Nut, and can be readily removed if desired.

FEATURES

1. Swivel Base enables the Vice to be swivelled and firmly locked at any point for convenience of working.
2. Off-set Jaws to admit long and wide work vertically.
3. Hardened Steel Anvil.
4. Solid Steel Slide Bar.
5. Pipe Grips with hardened Steel Jaw.
6. Pipe and Rod Bender.
7. Steel Plug (screwed English and American plug threads) for holding cylinder heads of motor engines.
8. Detachable Fibre Jaw Grips to prevent damage when gripping Engine Parts, etc.

SPECIFICATION

Width of Jaws 4". Opening $4\frac{1}{2}$ "

Pipe Jaws will take up to $1\frac{1}{2}$ " outside diameter.

Approximate Weight 26" pounds. Code Word : Iltum.

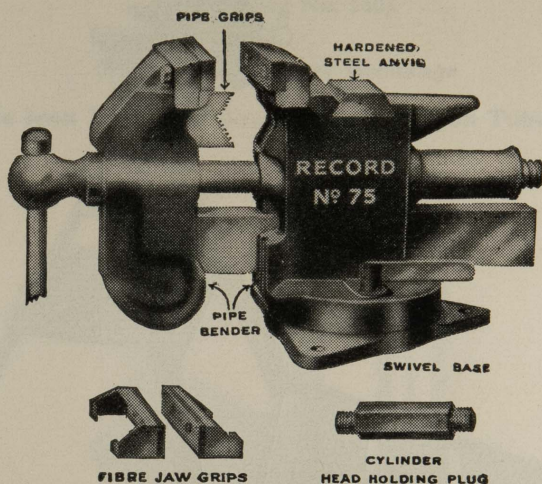
Enamelled Red.

Packed complete in box.

RECORD GARAGE VICE

No. 75

Guaranteed against Breakage



The Record Garage Vice is designed to cover a wide range of uses in general garage work on heavy and light vehicles.

It is heavily built to withstand rough usage, and the solid steel slide bar gives great strength combined with ample clearance below the Jaws so that large and irregular-shaped work can be gripped.

FEATURES

1. Swivel Base enables the Vice to be swivelled and firmly locked at any point for convenience of working.
2. Off-set Jaws to admit long and wide work vertically.
3. Hardened Steel Anvil.
4. Pipe Grips with hardened Steel Jaw.
5. Pipe and Rod Bender.
6. Steel Plug (screwed English and American plug threads) for holding cylinder heads of motor engines.
7. Detachable Fibre Jaw Grips to prevent damage when gripping Engine Parts, etc.

SPECIFICATION

Width of Jaws $5\frac{1}{4}$ ". Extra wide opening 7".
Pipe Jaws will take up to $2\frac{3}{4}$ " outside diameter.
Approximate Weight 48 pounds. Code Word: Illyn.
Enamelled Red.

Packed complete in box.

RECORD VICE No. 74 ON TRIPOD STAND No. 574



This tripod stand folds into a compact unit which is easily portable and is suitable for taking to the work.

The Record Vice No. 74 incorporates the following FEATURES (as fully described on page 12).

- | | |
|---------------------------|--------------------------------|
| 1. Swivel Base. | 6. Pipe and Rod Bender. |
| 2. Off-set Jaws. | 7. Valve Holders. |
| 3. Hardened Steel Anvil. | 8. Cylinder Head Holding Plug. |
| 4. Solid Steel Slide Bar. | 9. Detachable Fibre Jaw Grips. |
| 5. Pipe Grips. | |

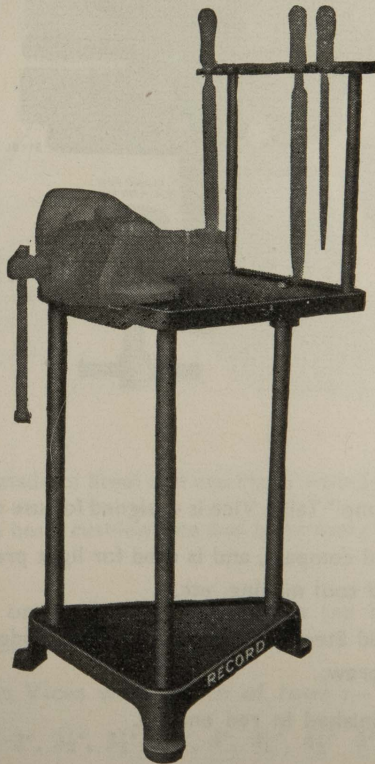
	Approx. Weight Pounds	Code Word
No. 574 Stand, complete with a RECORD Vice No. 74, 4" width of Jaws, 4½" opening. Pipe Jaws will take up to 1½" outside diameter.	72	ldgel

RECORD PORTABLE VICE BENCH No. 551

(Superseding No. 550).

Guaranteed against Breakage

Malleable Iron Table and Base. Wrought Iron Tubular Legs.

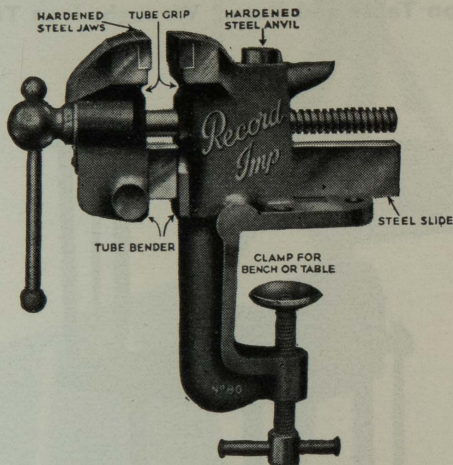


Top of Table 18" x 19". Height of Table 30".

Approximate Weight 110 pounds. Code Word : Idfog.

VICE EXTRA according to type and size required.

RECORD "IMP" TABLE VICE No. 80



The Record "Imp" Table Vice is designed for use on bench or table. It is sturdy and compact, and is used for light precision work such as instrument and tool making, etc.

It has hardened Steel Jaws and Anvil, Steel Slide and machine-cut square Thread Screw.

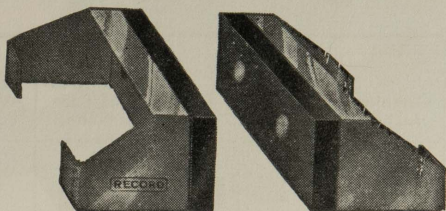
Attractively finished in red enamel.

Width of Jaws $2\frac{1}{4}$ ". Opening $2\frac{1}{2}$ ".

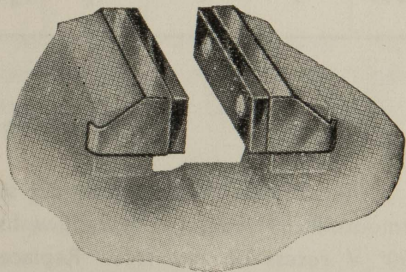
Weight $4\frac{1}{4}$ pounds. Code Word : Impib.

Packed in box.

FIBRE GRIPS FOR VICES



The Steel Lugs bend round the Vice Jaws and secure the Grips in position (as shown in illustration).



These Grips are made of Steel and are fitted with Special Fibre Faces.

This special Fibre has a cushion face and is far more durable than lead or copper.

Delicate articles or highly polished surfaces can be gripped firmly without fear of damage.

Supplied to suit Vices with width of Jaws :—

2¼", 2½", 3", 3¼", 3½", 3¾", 4", 4¼", 4½", 5", 5¼", 6".

Code Word : Islod.

Packed 6 pairs per box.

RECORD MACHINE VICES

Vice No.	Width of Jaws Inches	Opening Inches	Depth of Jaws Inches	Size of Base	Slot Centres of Base Inches	Approx. Weight Pounds	Code Word
643	3	2½	1¼	5⅛ × 4⅞	2½	12¼	Inbim
644	4	3¼	1½	6¾ × 6¼	3½	26¼	Inbon
645	5	4	1¾	7¾ × 7½	4	40½	Inbro

STANDARD JAWS

The Standard Vice as normally supplied is fitted with hardened smooth-faced jaws, the body jaw having a horizontal and vertical 90° V recess on one face. Replacements are obtainable, quoting Standard Jaws and Vice No.

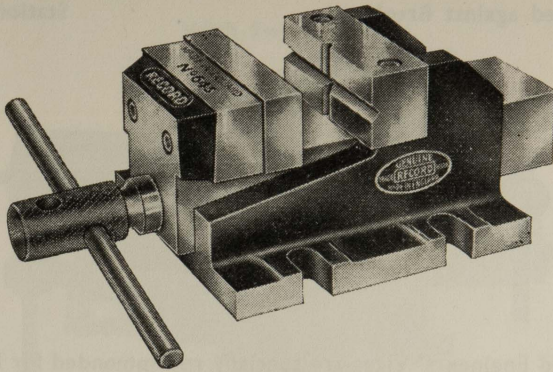
ALTERNATIVE JAWS

Two types of alternative jaws are available, these are

- (a) Special (Non-reversible) slide and body jaws with diamond serrations on the gripping faces.
- (b) Unhardened slide and body jaws having all plain faces suitable for machining and making into jigs.

When ordering these jaws specify as serrated or unhardened, together with Vice No.

RECORD MACHINE VICES



Sturdy and rigid Machine Vices for general production work. The easily removable jaws can be quickly and inexpensively adapted either for holding components of diverse shapes, or as a basis for efficient and inexpensive jigs.

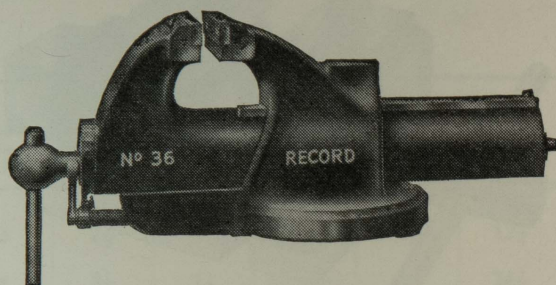
- The ram type sliding jaw will grip firmly without lift or spring. No fine adjustment is necessary to maintain a correct fit of the slide in the body of the vice.
- The sides of the base are machined parallel and square with the jaw faces and extend the full length of the body. This facilitates setting on the machine table.
- The nut is integral with the body ensuring perfect alignment with the main screw which is completely enclosed.
- The jaws are of high quality carbon steel, heat-treated under close metallurgical control. They are precision ground and are reversible. Alternative types of jaws are available as listed on page 143. Jaws are secured by Allen Set Screws.
- The vice is easily dismantled for cleaning.
- The body and slide castings are of close grained Meehanite ensuring great strength and rigidity.

Spare Parts readily obtainable

RECORD ENGINEERS' VICES

Guaranteed against Breakage

Stationary Base



Record Engineers' Vices are specially recommended for Filers and Fitters. The Body and Sliding Jaw Castings are made of High-Tensile Pearlitic Malleable Iron 30 to 35 tons per square inch and are **guaranteed against breakage**. There is ample clearance beneath the jaws to allow irregular-shaped articles to be gripped.

The Hardened Steel Jaw Plates are secured by screws having fine threads and long taper heads to ensure rigidity, and are renewable and interchangeable.

Enamelled Record Blue.

QUICK-GRIP TYPE

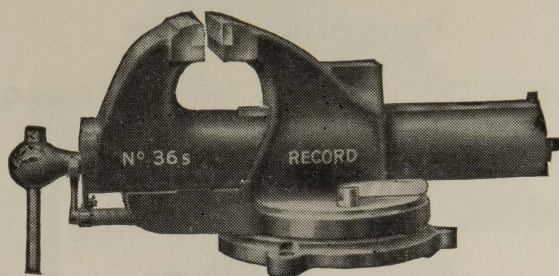
Vice No.	Width of Jaws Inches	Opening Inches	Depth of Jaws Inches	Approx. Weight Pounds	Code Word
34	4½	5	3	35	lfate
35	5¼	6	3½	48	lfauf
36	6	7¼	4	65	lfawg

PLAIN SCREW TYPE

34P	4½	5	3	35	lfdal
35P	5¼	6	3½	48	lfdia
36P	6	7¼	4	65	lfdob

RECORD ENGINEERS' VICES

With Swivel Base



These Vices can be swivelled in a complete circle and firmly locked at any point by the two tightening levers.

Enamelled Record Blue.

QUICK-GRIP TYPE

Vice No.	Width of Jaws Inches	Opening Inches	Depth of Jaws Inches	Approx. Weight Pounds	Code Word
34S	4½	5	3	42	lfbak
35S	5½	6	3½	58	lfbel
36S	6	7½	4	72	lfbra

PLAIN SCREW TYPE

34PS	4½	5	3	42	lflap
35PS	5½	6	3½	58	lfler
36PS	6	7½	4	72	lflis

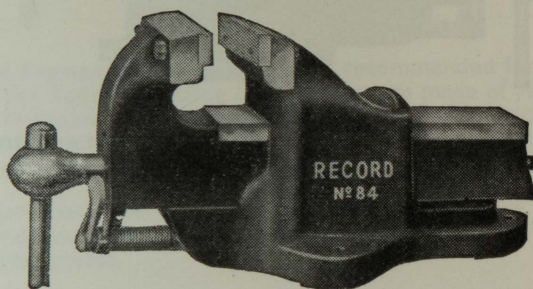
RECORD ENGINEERS' VICE

No. 84

Guaranteed against breakage

Stationary Base

Quick-Grip Type



This Record Engineers' Vice No. 84 is specially recommended for Fitters and heavy-duty work.

The Body and Sliding Jaw castings are made of High-Tensile Pearlitic Malleable Iron 30 to 35 tons per square inch and are **guaranteed against breakage.**

The Hardened Steel Jaw Plates are secured in position by hexagon-head set-screws, and are renewable and interchangeable.

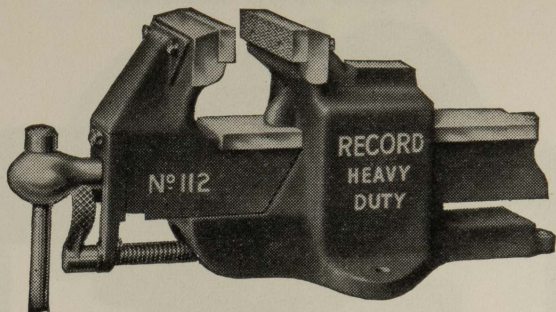
Enamelled Record Blue.

Width of Jaws $4\frac{1}{2}$ ". Depth of Jaws 3". Opening $5\frac{3}{4}$ ".

Approx. Weight 41 pounds. Code Word : Iffae

RECORD ENGINEERS' HEAVY-DUTY VICES

Guaranteed against Breakage



These Vices are built to withstand the most arduous conditions, and are eminently suitable for heavy chipping, hammering, etc.

The Body and Sliding Jaw are well-braced Castings of robust design made of High-Tensile Pearlitic Malleable Iron 30 to 35 tons per square inch and are **guaranteed against breakage**. The Screw is of large diameter made of High-Tensile Steel.

Enamelled Record Blue.

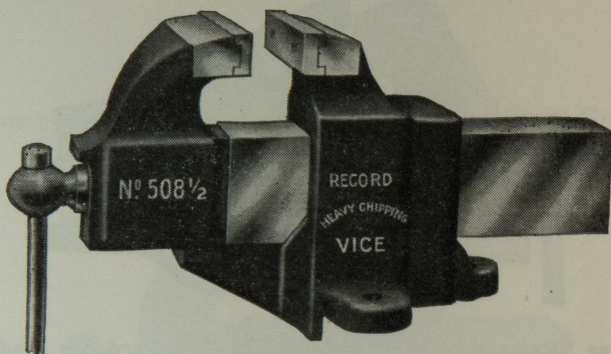
QUICK-GRIP TYPE

Vice No.	Width of Jaws Inches	Opening Inches	Depth of Jaws Inches	Approx. Weight Pounds	Code Word
110	4½	5	3	45	Indip
111	5¼	6	3½	52	Indor
112	6	7	3¾	70	Indus
113	7	8	4	80	Indan
114	8	9	4½	95	Indeo

PLAIN SCREW TYPE

110P	4½	5	3	45	Inlaf
111P	5¼	6	3½	52	Inleg
112P	6	7	3¾	70	Inloi
113P	7	8	4	80	Inluk
114P	8	9	4½	95	Inlyl

RECORD HEAVY CHIPPING VICES



This is a powerful Vice of great strength with Plain Screw action.

It is designed for rough and heavy work in Railroad and Machine Shops, Erecting Shops, Foundries, etc., where heavy duties are imposed upon Vices, such as Pneumatic Chipping, etc.

The Body and Sliding Jaw are Cast Iron.

The Hardened Steel Jaw Plates are extra deep, giving a large gripping surface, and are tenoned on to the Vice, ensuring absolute rigidity.

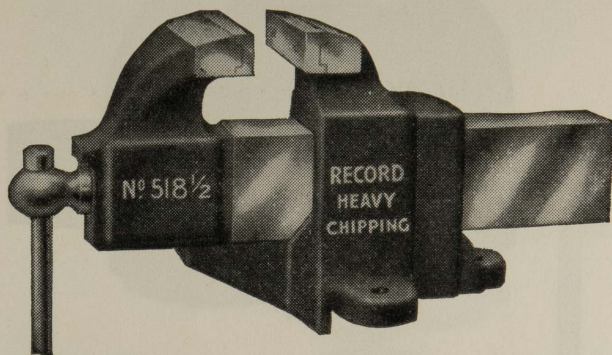
The Nut is detachable and can be renewed.

Enamelled Record Blue.

Vice No.	Width of Jaws Inches	Opening Inches	Depth of Jaws Inches	Approx. Weight Pounds	Code Word
506	6	10	4 $\frac{1}{8}$	120	ljfen
507	7	12	4 $\frac{3}{8}$	190	ljflo
508 $\frac{1}{2}$	8 $\frac{1}{2}$	12	5 $\frac{1}{2}$	265	ljfop

RECORD ENGINEERS' HEAVY CHIPPING VICES

Guaranteed against Breakage



This Vice is a heavy and powerful tool of great strength with Plain Screw action.

The Body and Sliding Jaw castings are made of High-Tensile Pearlitic Malleable Iron 30 to 35 tons per square inch and are **guaranteed against breakage.**

The Hardened Steel Jaw Plates are of extra depth, giving a large gripping surface, and are tenoned on to the Vice, ensuring absolute rigidity.

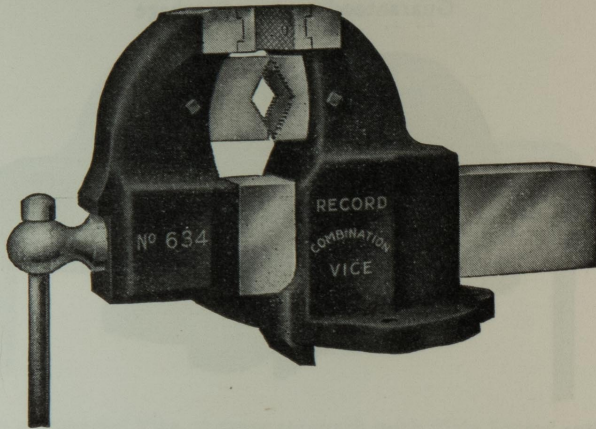
The Nut is detachable and can be renewed.

Enamelled Record Blue.

Vice No.	Width of Jaws Inches	Opening Inches	Depth of Jaws Inches	Approx. Weight Pounds	Code Word
516	6	10	4 $\frac{1}{8}$	120	ljhao
517	7	12	4 $\frac{3}{8}$	190	ljhep
518 $\frac{1}{2}$	8 $\frac{1}{2}$	12	5 $\frac{1}{2}$	265	ljhir

RECORD COMBINATION VICES

Stationary Base



This Vice is a combined Bench and Pipe Vice with Plain Screw action.

The Body, Sliding Jaw and Base Plate are Cast Iron of guaranteed strength.

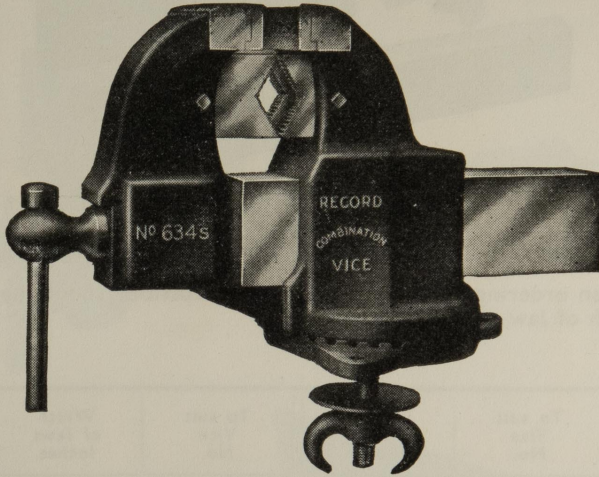
The Pipe Jaws are machined from tool steel, and are carefully hardened and tested. They can be readily detached to enable the Vice to take deep work between the jaws. The front Pipe Jaw has teeth at both ends and is reversible.

(Continued on next page)

Vice No.	Will grip Pipes Inches	Width of Vice Jaws Inches	Approx. Weight Pounds	Code Word
631	$\frac{1}{8}$ to $2\frac{1}{2}$	$3\frac{1}{2}$	38	lcrey
632	$\frac{1}{8}$ to $3\frac{1}{2}$	$4\frac{1}{4}$	68	lcriz
633	$\frac{1}{8}$ to $4\frac{1}{2}$	5	112	lcrom
634	$\frac{1}{8}$ to 6	6	170	lcrun

RECORD COMBINATION VICES

With Swivel Base



(Continued from previous page)

The Parallel Jaw Plates are made of Hardened Steel and are of extra depth, giving a large gripping surface. They are tenoned on to the Vice, ensuring absolute rigidity.

The Nut is detachable and can be renewed.

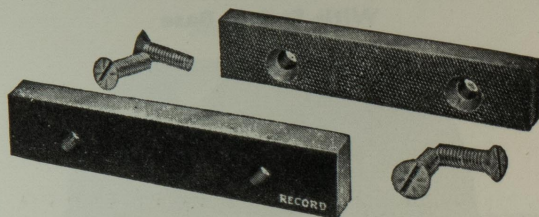
The Swivel Base locking arrangement is simple and effective, and the Vice can be locked in any position by means of the wing nut.

Enamelled Record Blue.

Vice No.	Will grip Pipes Inches	Width of Vice Jaws Inches	Approx. Weight Pounds	Code Word
631S	$\frac{1}{8}$ to $2\frac{1}{2}$	$3\frac{1}{2}$	42	lcvam
632S	$\frac{1}{8}$ to $3\frac{1}{2}$	$4\frac{1}{4}$	72	lcvem
633S	$\frac{1}{8}$ to $4\frac{1}{2}$	5	120	lcvop
634S	$\frac{1}{8}$ to 6	6	180	lcvur

STEEL JAW PLATES

For RECORD VICES



Code Word : Isleb

The Steel Jaw Plates of Record Vices are interchangeable.

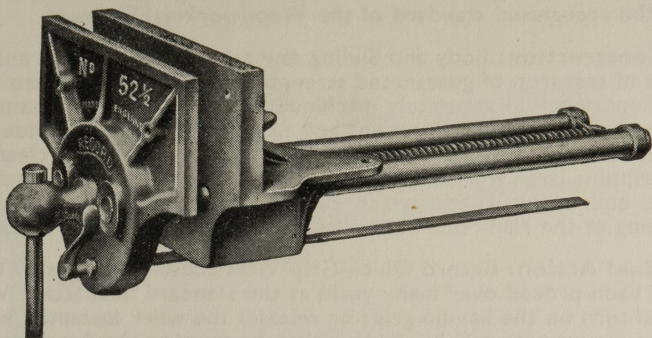
When ordering spare Jaw Plates **Vice Number** should be given as width of Jaw alone is not sufficient.

To suit Vice No.	Width of Jaws Inches	To suit Vice No.	Width of Jaws Inches
00	$2\frac{1}{4}$	74	4
0	$2\frac{1}{2}$	75	$5\frac{1}{4}$
1	3	80	$2\frac{1}{4}$
2	$3\frac{1}{2}$	84	$4\frac{1}{2}$
3	4		
4	$4\frac{1}{2}$	110	$4\frac{1}{2}$
5	5	111	$5\frac{1}{4}$
6	6	112	6
7	7	113	7
8	8	114	8
21	$3\frac{1}{4}$	516	6
22	$3\frac{3}{4}$	517	7
23	$4\frac{1}{4}$	518 $\frac{1}{2}$	$8\frac{1}{2}$
24	$5\frac{1}{4}$		
25	6	631	$3\frac{1}{2}$
		632	$4\frac{1}{4}$
34	$4\frac{1}{2}$	633	5
35	$5\frac{1}{4}$	634	6
36	6		
		631S	$3\frac{1}{2}$
34P	$4\frac{1}{2}$	632S	$4\frac{1}{4}$
35P	$5\frac{1}{4}$	633S	5
36P	6	634S	6

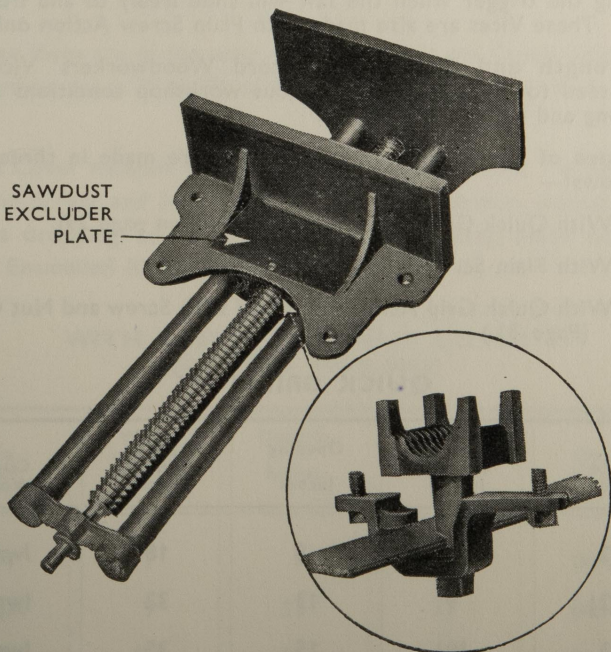
RECORD WOODWORKERS' VICES

With Steel Slides

Quick Grip Type



SAWDUST
EXCLUDER
PLATE



NUT EASILY REMOVED
FOR CLEANING

RECORD WOODWORKERS' VICES

Record Woodworkers' Vices are the original Steel Slide Vices and the recognised standard of the Woodworking Trades.

Construction: Body and Sliding Jaw are of robust design and are made of cast iron of guaranteed strength. The Sliding Bars are Solid Steel and work in accurately machined housings, this gives a smooth sliding movement and a straight and firm grip. The Steel Slides are placed in such a position under the Jaws so as to give ample clearance for gripping large work. The Vices are fitted with a Sawdust Excluder Plate, and a Nut Guide which can be easily removed to facilitate cleaning of the Half-Nut. The Vices are enamelled Record Blue.

Dual Action: Record Quick-Grip Vices shown on pages 29 to 31 have been proved over many years as the standard dual-action Vices. A half-turn on the handle grips or releases the work instantly, whilst major movements can be made either by turning the handle or by pressing the trigger when the Jaw will slide freely to and from the work. These Vices are also made with Plain Screw Action only.

Strength and Durability: Record Woodworkers' Vices are guaranteed to meet the most arduous workshop conditions and to give long and dependable service.

Types of Vices: Woodworkers' Vices are made in three types as follows:—

1. With Quick Grip Action (as illustrated on page 29).
2. With Plain Screw Action only. (Page 32.)
3. With Quick Grip Action and fitted with Screw and Nut Cover. (Page 31.)

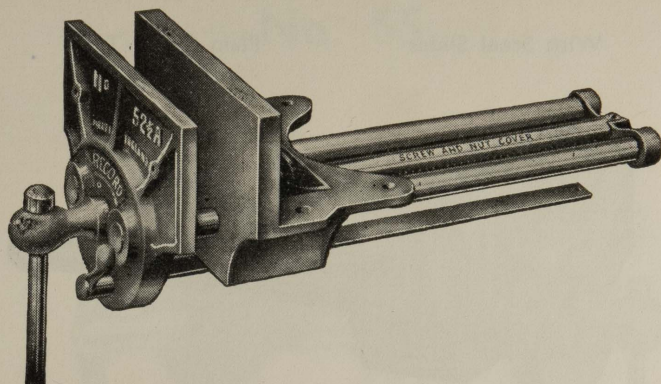
QUICK GRIP TYPE

Vice No.	Width of Jaws Inches	Opening Inches	Approx. Weight Pounds	Code Word
52	7	8	18	lwabs
52½	9	13	32	lwadu
53	10½	15	35	lweso

RECORD WOODWORKERS' VICES

With Screw and Nut Cover

Quick Grip Type



These Vices are of the same construction as the Quick-Grip Type described on pages 29 to 30, with the addition of the Screw and Nut Cover.

This Cover extends the entire length of the Screw. It protects both the Screw and Nut from damage, and prevents sawdust and shavings dropping on to the threads and choking these working parts. Enamelled Record Blue.

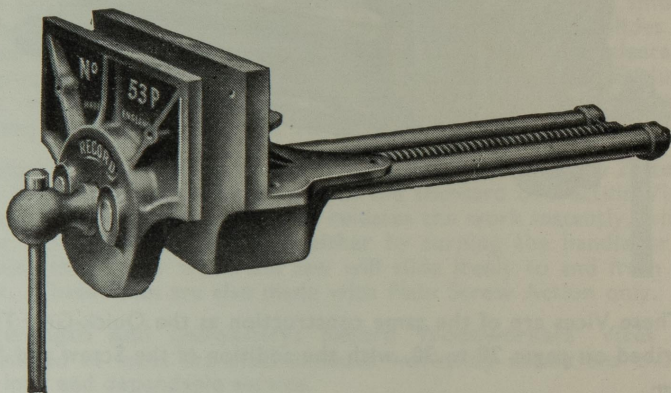
WITH SCREW AND NUT COVER (Quick-Grip Vices only)

Vice No.	Width of Jaws Inches	Opening Inches	Approx. Weight Pounds	Code Word
52A	7	8	18	lknas
52½A	9	13	32	lknet
53A	10½	15	35	lknou

RECORD WOODWORKERS' VICES

With Steel Slides

Plain Screw Type



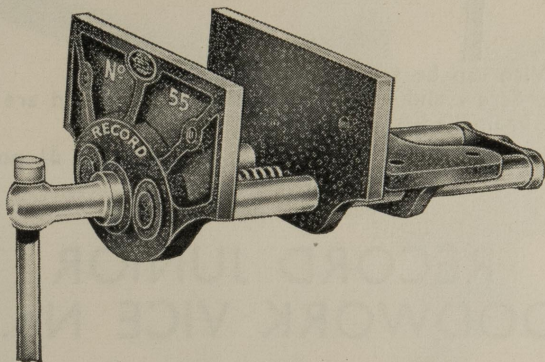
These Vices are of similar construction to the Quick-Grip type described on pages 29 to 30, but they are fitted with ordinary square thread Screws and Solid Nut, making them screw-all-the-way Vices. Enamelled Record Blue.

PLAIN SCREW TYPE

Vice No.	Width of Jaws Inches	Opening Inches	Approx. Weight Pounds	Code Word
52P	7	8	18	lwegs
52½P	9	13	32	lwelu
53P	10½	15	35	lwiky

RECORD WOODCRAFT VICE

No. 55



This Vice is of simple construction with Solid Steel Slides and a Nut which is integral with the Body. It has a square thread screw and Plain Screw Action.

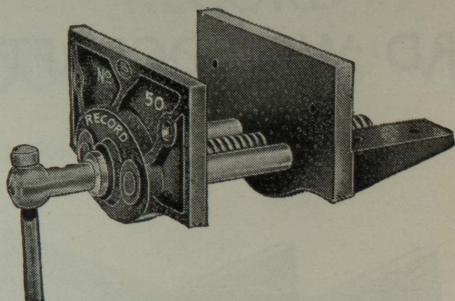
Suitable for light woodworking service. Handle, Screw and Slides are Plated. Stove Enamelled Record Hammer Blue.

Width of Jaws $6\frac{1}{2}$ ". Opening $6\frac{1}{8}$ ". Weight 11 pounds.

Code Word : Ijeme.

Packed 1 per box.

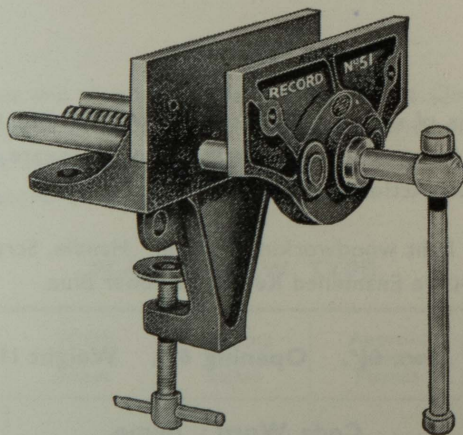
RECORD AMATEUR WOODWORK VICE No. 50



This Vice can be screwed to bench or table.
Slides, Screw and Handle are made of Steel and are Plated.
Stove Enamelled Record Hammer Blue.

Width of Jaws 6". Opening $4\frac{1}{2}$ ". Weight $6\frac{1}{2}$ pounds.
Code Word : lield.
Packed 1 per box.

RECORD JUNIOR WOODWORK VICE No. 51



This Vice is made with a Clamp so that it can be readily fixed to bench or table.

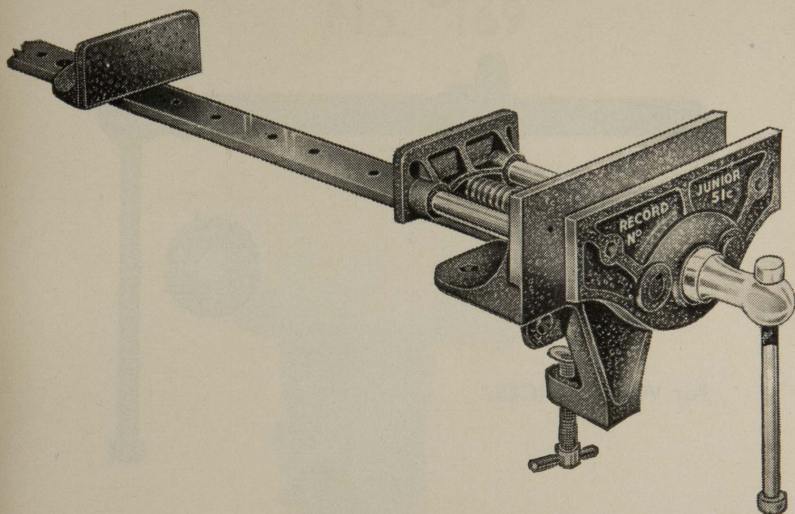
Slides, Screws and Handle are made of Steel and are Plated.
Stove Enamelled Record Hammer Blue.

Width of Jaws 6". Opening $4\frac{1}{2}$ ". Weight 6 pounds.
Clamp will take from $\frac{3}{4}$ " to $2\frac{1}{4}$ " thick boards.
Code Word : lield.
Packed 1 per box.

RECORD JUNIOR

WOODWORKERS' VICE & CRAMP

COMBINED, No. 51c.



The **Record Junior** can be fixed to a bench, table, trestle, or post. It will fasten to anything from $\frac{3}{4}$ " to $2\frac{1}{4}$ " thick. It can be carried in a tool kit.

The **Cramping Bar** can be readily fixed or detached without removing the Vice from the bench or table.

The **Cramp** will take work up to 32" in length, and will grip taper or straight work as desired.

The **Vice** has a perfectly parallel grip without any side movement.

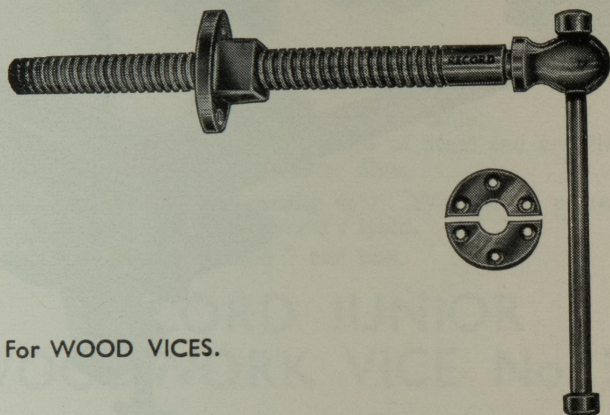
Width of Vice Jaws 6". **Opening of Vice Jaws $4\frac{1}{2}$ ".**

Cramp will take in 32".

Weight 10 pounds. **Code Word : ljdk.**

RECORD STEEL BENCH SCREWS

Fig. 165



For WOOD VICES.

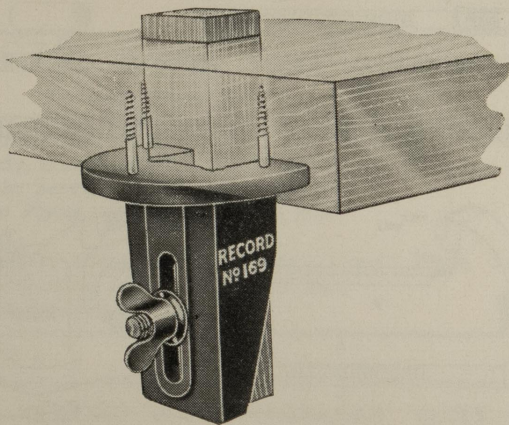
These Bench Screws are made from solid Steel Forgings, machined all over, and polished bright.

The Nut and Collar are finished black.

Length Overall Inches	Diameter of Screw Inches	Code Word
16	1	lvlog
18	1 $\frac{1}{8}$	lvrik
20	1 $\frac{1}{4}$	lvrul
22	1 $\frac{1}{2}$	lvsec

RECORD BENCH STOP

No. 169



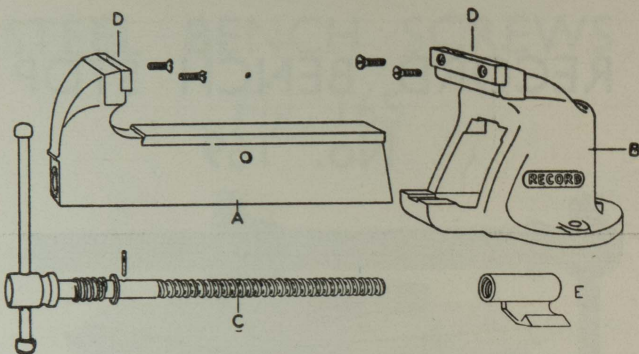
The Record Woodworkers' Bench Stop is supplied with Hardwood Block $1\frac{1}{2}$ " x 1".

The Bench Stop is easily fixed on the underside of the bench, and the block slides through a hole cut in the bench, and is fastened in position by the wing-nut.

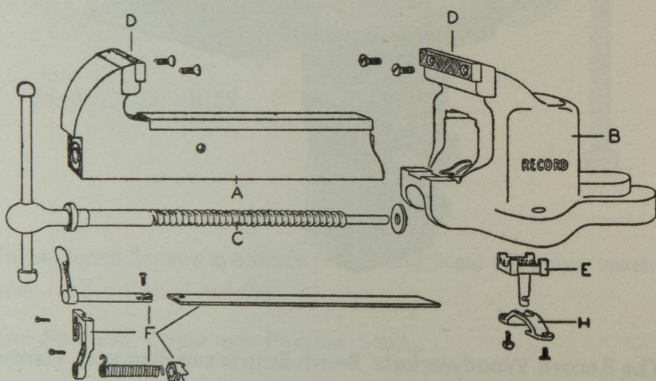
Approx. Weight 2 pounds. Code Word : Ivsid.

PARTS for RECORD VICES

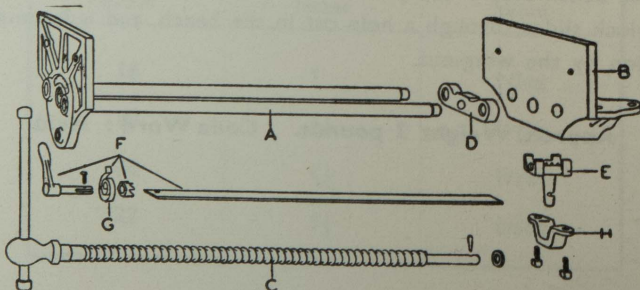
RECORD MECHANICS' VICES (PLAIN SCREW).



RECORD FITTERS' VICES (QUICK-GRIP)



RECORD WOODWORKERS' VICES.



PARTS for RECORD VICES

RECORD MECHANICS' VICES (PLAIN SCREW).

To suit Vices No. 00 to 8.

- A. Sliding Jaw, complete with Jaw Plate and Screws.
- B. Body, complete with Jaw Plate and Screws.
- C. Main Screw, Handle, Spring, Washer and Pin.
- D. Jaw Plates, with Set Screws, pair.
- E. Nut.

RECORD FITTERS' VICES (QUICK-GRIP).

To suit Vices No. 21 to 25 and 84.

- A. Sliding Jaw, complete with Jaw Plate and Screws.
- B. Body, complete with Nut Bracket, Jaw Plate and Screws.
- C. Main Screw, Handle and Washer.
- D. Jaw Plates, with Set Screws, pair.
- E. Nut.
- F. Trigger, complete with Front Cover Plate, Spring, Adjusting Nut and Rocker Bar.
- H. Nut Bracket and Screws.

RECORD WOODWORKERS' VICES.

To suit Vices No. 52, 52½, 53. Quick Grip and Plain Screw.

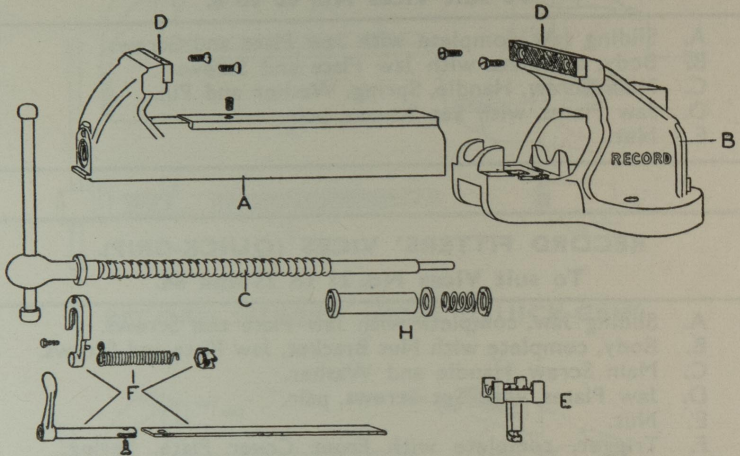
- A. Sliding Jaw, complete with Slides and Back Bracket.
- B. Body, complete with Nut Bracket.
- C. Main Screw and Handle with Pin and Washer.
- D. Back Bracket.
- E. Nut.
- F. Trigger, complete with Spring, Adjusting Nut and Rocker Bar.
- G. Spring only.
- H. Nut Bracket and Screws.
- Nut for Plain Screw Type not illustrated.

NOTE.—If replacement of the Screw or Nut becomes necessary it is recommended that **both parts be renewed together** as increased wear will result from the use of an old part with a new one.

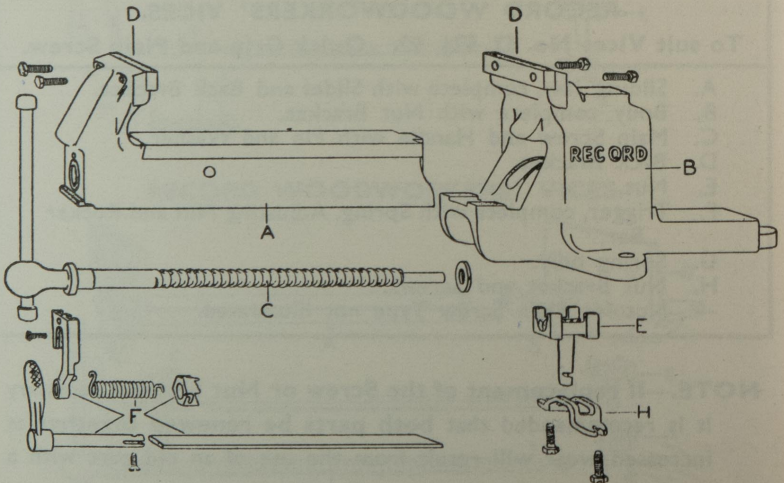
PARTS for RECORD VICES

(Continued)

RECORD ENGINEERS' VICES



RECORD ENGINEERS' HEAVY-DUTY VICES



PARTS for RECORD VICES

(Continued)

RECORD ENGINEERS' VICES

To suit Vices No. 34, 35 and 36. Quick Grip and Plain Screw.

- A. Sliding Jaw, complete with Jaw Plate and Screws.
- B. Body, complete with Nut Bracket, Jaw Plate and Screws.
- C. Main Screw and Handle.
- D. Jaw Plates, with Set Screws (pair).
- E. Nut.
- F. Trigger, Complete with Front Cover Plate, Spring, Adjusting Nut and Rocker Bar.
- H. Sleeve for Screw with Spring and Washers.
- Nut for Plain Screw Type not illustrated.

RECORD ENGINEERS' HEAVY-DUTY VICES

To suit Vices No. 110, 111, 112, 113, 114. Quick Grip and Plain Screw.

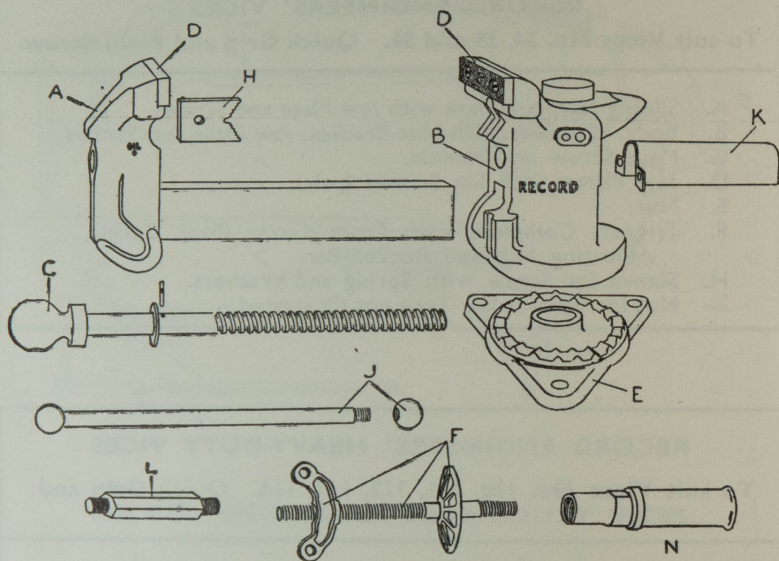
- A. Sliding Jaw, complete with Jaw Plate and Screws.
- B. Body, complete with Nut Bracket, Jaw Plate and Screws.
- C. Main Screw, Handle and Washer.
- D. Jaw Plates, with Set Screws (pair).
- E. Nut.
- F. Trigger, complete with Front Cover Plate, Spring, Adjusting Nut and Rocker Bar.
- H. Nut Bracket and Screws.
- Nut for Plain Screw Type not illustrated.

NOTE.—If replacement of the Screw or Nut becomes necessary it is recommended that both parts be renewed together, as increased wear will result from the use of an old part with a new one.

PARTS for RECORD VICE, No. 74

AND

RECORD GARAGE VICE, No. 75



- A. Sliding Jaw, complete with Steel Jaw Plate (D).
- B. Body, complete with Steel Jaw Plate (D) and Anvil.
- C. Main Screw, Washer and Pin.
- D. Jaw Plates (pair).
- E. Swivel Base Plate.
- F. Screwed Stud, Wing Nut and Washer (for No. 74 only).
- H. Pipe Grip.
- J. Handle.
- K. Screw Guard (for No. 74 only).
- L. Cylinder Head Holding Plug.
- N. Sleeve Nut (for No. 75 only).